

L 51459-65 EWP(k)/EWP(h)/T/EWP(b)/EWP(l)/EWP(v)/EWP(t) Pf-4 JD

ACCESSION NR: AP5016642

CZ/0017/64/053/010/0547/0552

25

B

AUTHOR: Fajt, V. (Engineer, Candidate of sciences)

TITLE: Nondestructive measurement of the coercive force

SOURCE: Elektrotechnicky obzor, v. 53, no. 10, 1964, 547-552

TOPIC TAGS: magnetization, magnetic field measurement, metallurgy

ABSTRACT: [Author's English summary, modified]: A method is described of determining the coercive force for the purpose of controlling homogeneity and heat treatment in metallurgy. It is based on measuring the residual field after proceeding magnetization up to the saturated state. Magnetization with a pulse produced by an air coil is more suitable for quick measurement than magnetization with an electromagnet. Differences in measurement results should not exceed a few percent if all conditions indispensable for correct measurement are fulfilled.

Orig. art. has: 10 figures, 10 formulas.

Card 1/2

L 51459-65

ACCESSION NR: AP5016642

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SUB CODE: EM, MM

NO REF Sov: 001

OTHER: 003

JPRS

Card 2/27/83

KRC, C.; FAJTA, F.

Contribution to roentgenological diagnosis of septic osteomyelitis.  
Cesk.rentg. 15 no.1:53-58 F '61.

1. Rentgenologicky ustav PU v Olomouci, pov. prednosta MUDr.  
J. Doubravsky; Chirurgicka klinika PU v Olomouci, prednosta prof.  
MUDr. Vl. Rapant.  
(OSTEOMYELITIS radiog)

ROCEK, V.; KRC, C.; FAJTA, F.

Hyperplasia of the thymus in spontaneous pneumomediastinum. Cesk.  
rentgen. 17 no.1:27-29 Ja '63.

1. Rentgenologicky ustav lekarske fakulty PU v Olomouci, prednosta  
doc. dr. J. Doubravsky, CSc.  
(THYMUS HYPERPLASIA) (MEDIASTINAL EMPHYSEMA)

FAJTA, Frantisek; ROCEK, Vlastimil

Jejunogastric invagination. Cesk. rentg. 15 no.6:396-400 '61.

1. Rentgenologicky ustav fakultni nemocnice PU, Olomouc, prednosta  
MUDr. J. Doubravsky.  
(INTUSSUSCEPTION)

FAJTA, F.; ROCEK, V.

Volvulus of the cecum. Česk. radiol. 18 no.6:402-406 N '64.

1. Rentgenologicky ustav lekarske fakulty Palackeho University  
v Olomouci, (prednosta doc. dr. J. Doubravsky, ScC.).

ROCEK,V.; FAJTA,E.; DOUBRAVSKY,J.; SERA,D.; SERY,Z.; HOLUSA,R.; KALENICEK, O.;  
TALAS,M.

Contribution of simple mammography in the differential diagnosis  
of dysplasia of the female breast. Rozhl. chir. 43 no.5:288-292  
Myl'64.

1. Ustredni rentgenologicky ustav (prednosta: doc. dr. J.  
Doubravsky, CSc.); II. chirurgicka klinika (prednosta: doc.  
dr. J.Burian); patologickoanatomicky ustav (prednosta: doc.  
dr. V.Valach) a gynekologicka klinika (prednosta: doc. dr.  
F. Gazarek, CSc.) lekarske fakulty PU (Palackeho university)  
v Olomouci.

FAJTA, Kološan (Bratislava, ul. Nar. povstania 6)

Esophageal burns. Lek. obzor 3 no.3-4:154-158 1954.

1. Z Chirurgickej kliniky detskeho veku SU v Bratislave.  
(ESOPHAGUS, stenosis,  
\*caustic)

HOLUSA,R.; VALACH, V.; SERY,Z.; SERA,D.; FALTA,M.; KAMENICEK, O.; ROCEK,V.;  
TALAS.M.

Pathology of breast dysplasia. Rozhl. chir. 43 no.5:278-282  
Myl'64.

1. Patologickoanatomicky ustav (prednosta: doc. dr. V.Valach);  
II. chirurgicka klinika (prednosta: doc. dr. J.Burian); ustredni  
rentgenologicsky ustav (prednosta: doc. dr. J.Doubravsky, CSc.)  
a gynekologicka klinika (prednosta: doc. dr. F.Gazarek, CSc.)  
Lekarske fakulty PU [Palackeho university] v Olomouci.

SERY, Z.; SERA, D.; FAJTA, M.; HOLUSA, R.; KAMENICEK, O.; ROCEK, V.;  
TALAS, M.

Breast dysplasia. Rozhl. chir. 43 no.5:273-277 My '64.

Clinical picture of breast dysplasia. Ibid.:283-287

Vaginal cytology and endometrial histology in breast  
dysplasia. Ibid.:293-296

1. II. chirurgicka klinika (prednosta: doc. dr. J. Burian);  
ustredni rentgenologicky ustav (prednosta: doc. dr. J.  
Doubrovsky, CSc.), patolog:choanatomicky ustav (prednosta:  
doc. dr. V. Valach), a gynekologicka klinika (prednosta: doc.  
dr. F. Gazarek, CSc.) lekarske fakulty PU (Palackeho university)  
v Olomouci.

FAJTA, S.

Ceramic ceilings with prestressed beams. p. 82.

Vol. 34, no. 3, Mar. 1956

STAVIVO

Praha, Czechoslovakia

Source: East European Accession List, Library of Congress  
Vol. 5, No. 8, August 1956

FAJTA, Stefan, inz.

Silo construction by the Schwartz-Haumont sliding shuttering system. Inz stavby 11 no.6:204-210 Je '63.

1. Stavoindustria, n.p.o., Bratislava.

TALLIAN, Ferenc, dr.; FAJTHA, Ferenc, dr.

A simple method for the determination of pregnandiol and its role  
in gynecology. Magy.noorv.lap. 23 no.5:286-293 S '60.

1. A Budapesti Orvostudomanyi Egyetem II. sz. Női Klinikájának  
közleménye (Igasgató: Zoltan Imre dr. egyetemi tanár).  
(PREGNANDIOL urine)  
(GYNECOLOGY urine)

CSILLAG, Miklos, dr.; SAJGO, Mihaly, dr.; FAJTHA, Ferenc, dr.

The clinical and pathological significance of the determination of steroid glucuronates excreted in the urine. Orv. hetil. 103 no.35:  
1639-1644 2 S '62.

1. Budapesti Orvostudomanyi Egyetem, II. Női Klinika.  
(TESTOSTERONE) (PROGESTERONE) (PREGNENOLONE)  
(DEHYDROEPIANDROSTERONE) (STEROIDS)  
(URINE) (OVARY)

SZEMESI, I.; FAJTHA, F.

Current problems in the surgical treatment of vesicovaginal fistula.  
Acta chir. acad. sci. hung. 9 no. 429-437 '62.

1. II Frauenklinik (Direktor: Prof. Dr. I. Zoltan) der Medizinischen  
Universität, Budapest.  
(VESICOVAGINAL FISTULA) (URINARY INCONTINENCE)

HUNGARY

CSILLAG, Miklos, Dr.; FAJTHA, Ferenc, Dr.; Medical University of Budapest, Second Gynecological Clinic (Budapesti Orvostudomanyi Egyetem, II. Női Klinika).

"The Clinical and Pathological Significance of the Simultaneous Determination of the Various Steroids Excreted in the Urine."

Budapest, Orvosi Hetilap, Vol 103, No 48, 2 Dec 62, pages 2262-2267.

Abstract: [Authors' summary modified] The authors state that under similar physiological conditions the ratio of the steroid hormones and their derivatives excreted in the same urine specimen is constant. This ratio is more reliable than 24 hour excretion values of the various hormones determined on different specimens of the same individual. Among women with menstrual disorders it was found that those, whose disorders included "accompanying symptoms" (hirsutism, obesity, asthenia, genital hypoplasia) showed similar excretion ratios to those suffering from endocrine disorders with similar symptoms. Examining the cause for the similarity in the excretion ratios of the hormones they concluded that the "accompanying symptoms" do not represent endocrine disorder although they arise through the same mechanism.

[All Western references]

1/1

- 35 -

SZONYI, Gyorgy, dr.; FAJTHA, Ferenc, dr.

Injuries of urinary tract during gynecologic surgery. Magy. nporv.  
lap. 26 no.3:169-174 My '63.

l. A Peterfy Sandor utcai Korhaz-Rendelointezet (igazgato: Galossi  
Gyorgy dr.) Szuleszet-Nogyogyaszati osztalyanak (megbízott főorvos:  
Szonyi Gyorgy dr.) es a Budapesti Orvostudomanyi Egyetem II. sz.  
Noi Klinikajának (igazgato: Zoltan Imre dr. egyetemi tanár) közleménye.  
(BLADDER DISEASES) (URETER) (HYSTERECTOMY)  
(CESAREAN SECTION)

SZEMESI, Imre, dr.; FAJTHA, Ferenc, dr.

Puerperal mastitis successfully treated with antibiotics. Magy.  
noorv.lap. 26 no.6;331-337 N '63.

1. A Budapesti Orvostudomanyi Egyetem II. sz. női klinikájának  
közlemenye. (Igazgató: Zoltan Imre dr. egyetemi tanar).

SZEMESI, I.; FAJTHA, F.

Concerning the adequate antibiotic treatment of puerperal mastitis.  
Acta Chir. Acad. Sci. Hung. 5 no.1:15-23 '64.

I. II. Frauenklinik (Direktor: Prof. Dr. I. Zoltan) der  
Medizinischen Universitat, Budapest.

FAJTOR, F.

Epileptogenic areas in the human temporal lobe as studied by electrography. Acta med. hung. 8 no.3-4:217-233 1955.

1. Department of neurology and psychiatry, university medical school, Debrecen, Hungary.

(TEMPORAL LOBE, pathology,  
epileptogenic areas, EEG)

(EPILEPSY, physiology,  
temporal epileptogenic areas, EEG)

(ELECTROENCEPHALOGRAPHY,  
of temporal lobe epileptogenic areas)

TOMPA, Ferenc, dr.; FAJZI, Karoly, dr.; FORRO, Istvan, dr.

On the role of glucocorticoids in decreasing surgical risk. Magy.  
sebeszet 14 no.3:153-157 Je '61.

1. Matrahazai Allami Tudobeteggyogyintezet (Igazgatoforvos: Lanyi  
Andor dr.) Tudosebeszeti Osztalyanak (Osztalyvezeto: Tompa Ferenc  
dr.) kozlemenye.

(SURGERY OPERATIVE compl)  
(ADRENAL CORTEX HORMONES ther)

FORRO, Istvan, dr.; TOMPA, Ferenc, dr.; FAJZI, Karoly, dr.

Results of intravenous barbiturate with N<sub>2</sub>O anesthesia. Magy. sebeszet  
14 no.6:386-390 D '61.

(BARBITURATES anesth & analg)  
(NITROUS OXIDE anesth & analg)  
(ANESTHESIA INTRAVENOUS)

TOMPA, Ferenc, dr.; FAJZI, Karoly, dr.; FORRO, Istvan, dr.

Indications and immediate results of open treatment of caverns.  
Tuberkulosis 17 no.5:142-145 My '64.

1. Szamuely Tibor TBC Gyogyintezet es a Matrahazai All. TBC Gyo-  
gyintezet kozlemenye.

PAK, Stepan Nikitovich; GOL'TSEV, V., red.; YAROV, E., tekhn.red.

[Collective farms at Domakha]. Kolkhoznaia Domakha. Moskva,  
Izd-vo "Izvestiia," 1960. 43 p. (Biblioteka "Izvestii,"  
no. 4). (MIRA 13:10)

1. Predsedatel' kolxosa "Leninskoye znamya" Dmitrovskogo rayona  
Orlovskoy oblasti.  
(Dmitrovskiy District--Collective farms)

FNK, V.A.

RUMANIA/Theoretical Physics - Quantum Mechanics

B-4

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 7332

Author : Fnk V.A.

Inst : -

Title : Interpretation of Quantum Mechanics

Orig Pub : An. Rom. Sov. Ser. mat.-fiz., 1958, 12, No 2, 124-138

Abstract : See Referat Zhur Fizika, 1958, No 5, 9911

Card : 1/1

SHAKADZE, S. S.

Mathematical Reviews  
Vol. 15 No. 4  
Apr. 1954  
Analysis

9-24-54  
LL

Shakadze, S. S. On iterated integrals. Soobshcheniya Akad. Nauk Gruzinskogo SSR 14, 3-10 (1953). (Russian)

Let  $f$  be a bounded function on the unit square  $I^2$ . Define  $\bar{J}_I f(x, y) dx$  to be the upper Lebesgue integral of  $f$  with respect to  $x$ ; then again use the upper  $L$  integral to define  $\bar{J}_I \bar{J}_I f(x, y) dxdy$ ; similarly, define lower  $x, y$  and upper and lower  $y, x$  integrals. The strong  $x, y$  integral  $J_I^* J_I^* f(x, y) dxdy$  is  $\lim_{n \rightarrow \infty} \sum_{1 \leq i \leq n} \bar{J}_{I_{i,n}} f(x, y) dxdy$ , where the  $I_{i,n}$  are  $2^n$  non-overlapping intervals whose union is  $I$ . If  $\varphi_E$  is the characteristic function of a subset  $E$  of  $I^2$ , then the set functions  $\Phi^{*v}(E) = J_I^* J_I^* \varphi_E dxdy$  and the dual  $\Phi_{*v}(E)$  are complementary outer and inner Carathéodory measures in  $I^2$ . Then  $f$  is called ordinary (strong) iterated integrable if all four ordinary (strong) iterated integrals are equal. The corollaries of Theorems 2 and 3 assert that ordinary (strong) iterated integrability of  $f$  is equivalent to existence and equality of the two iterated integrals in the usual sense of Lebesgue (over every subrectangle of  $I^2$ ). Some convergence theorems are stated for these integrals, and a kind of iterated measurability is given as a sufficient condition for strong iterated integrability of  $f$ . M. M. Day (Urbana, Ill.).

FAKADZE, Sh. S.

I - F/W

Phakadze, S. S. On various definitions of the concept of sets, absolutely of measure zero. Soobšč. Akad. Nauk Gruzin. SSR 15, 489-496 (1954). (Russian)  
The author studies properties of and implications among four possible definitions of the concept mentioned in the title. The three new ones [cf. same Soobšč. 15, 201-205 (1954); MR 16, 1092] turn out to be such that the class of sets in question is not closed under the formation of finite unions.  
*P. R. Halmos (Chicago, Ill.)*

R  
RW

AKADZE, S. S.

E  
Akadze, S. S. On Iterated Integrals. Akad. Nauk  
Gruzin. SSR. Trudy Tbiliss. Mat. Inst. Razmadze 20,  
167-209 (1954). (Russian)

This paper deals with the dependence of iterated Lebesgue integrals on the order of integration. By decomposing the range of the inner variable of integration into a finite set of subintervals and summing outside the outer integral the author defines, for bounded functions on a rectangle  $R$ , "strong" iterated upper and lower integrals. He then proves that when the strong iterated upper and lower  $xy$  (or  $yx$ ) integrals are applied to the characteristic functions of subsets of  $R$  they define related normal Carathéodory outer and inner measures. A set  $M$  is said to have property  $A$  if the  $xy$  and  $yx$  outer and inner measures all agree on  $M$ . It is proved that if almost every section of  $M$  parallel to the axes is open or closed, then  $M$  has property  $A$ , but that, under the hypothesis of the continuum, there is a set  $M$  whose sections parallel to one axis are of Baire class 0 and sections parallel to the other are of class 1, while the  $xy$  and  $yz$  integrals of the characteristic function of  $M$  are unequal.

M. M. Day (Urbana, Ill.)

1 - F/G

MAGROT, T.; SOVA, J.; PRAZMA, J.; FAKAN, E.; CIBULKova, L.

Cytological processes in post-traumatic regeneration of the liver.  
Acta univ. carol. [Med] Suppl. 15:23-33 '61.

1. Biologicky ustav lekarske fakulty University Karlovy se sídlem v  
Plzni, vedouci MUDr. Tomas Magrot.  
(LIVER pathol) (REGENERATION) (CELL DIVISION)

MAGROT, T.; FAKAN, F.; BEDNAR, O.

The observation of extrusion of nucleolar substantion in He La  
cells. Cesk. morf. 13 no.3:239-245 '65.

1. Institute of Biology, Medical Faculty of Charles' University  
in Plzen, Czechoslovakia.

RUDINGER, J.; FAKASOVA, H.; GUT, V.

Amino acids and peptides. Pts. 40-41. Coll Cz Chem 28  
no.11:2941-2968 N°63.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

STEPIN, B.D.; FLYUSHCHEV, V.Ye.; FAKEYEV, A.A.

Anion halogenates of alkali metals and ammonium. Usp.khim.

34 no.11:1881-1907 N '65.

(MIFI 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov i osobo chistiykh khimicheskikh veshchestv.

FAKEYEV, A.D.; ZHUKOV, G.A., red.; GORYUNOVA, L.K., red. izd-va.; KOLESNIKOVA,  
A.P., tekhn. red.

[Safety manual for work with cranes on KT-12 tractors] Pamiatka po  
tekhnike bezopasnosti pri rabote kranami na traktorskikh KT-12. Moskva,  
Goslesbumizdat, 1956. 11 p. (MIRA 11:11)

1. Russia (1923- U.S.S.R.) Ministerstvo lesnoy promyshlennosti.  
TSentral'noye byuro tekhnicheskoy informatsii,  
(Tractors--Safety measures)  
(Cranes, derricks, etc.)

YFGOROV, Igor' Grigor'yevich; FAKEYEV, A.D., red.

[Operation and repair of motor-vehicle and tractor storage batteries] Ekspluatatsiya i remont avtotraktornykh akumuliatornykh batarei. Moskva, Izd-vo "Lesnaia promyshlennost'," 1964. 72 p. (MIRA 17:7)

ALESHIN, Aleksey Filippovich; PODKOVYROV, Mikhail Ivanovich; RUZIN,  
Sergey Ivanovich; USTINOV, Veniamin TSezifovich; FAKSEL', A.D.,  
red.; KIMMEL', L.S., red.izd-va; GRECHISHCHEVA, V.I., tekhn.red.

[Organization of the repair of lumbering equipment by the unit  
method] Organizatsiya remonta lesozagotovitel'nogo oborudovaniia  
agregatnym metodom. Moskva, Goslesbumizdat, 1961. 218 p.  
(MIRA 15:2)

(Lumbering--Equipment and supplies)

PLYUSNIN, Aleksandr Kuz'mich, dots.; BOCHKO, N.A., inzh.,  
retsenzent; PETROV, V.Ye., inzh., retsenzent; FAKEYEV, A.D.,  
otv. red.; KIMMEL', L.S., red. izd-va; SHIEKOVA, R.Ye.,  
tekhn. red.

[Organization of machine repair and equipment assembly at  
lumbering enterprises] Organizatsiya remonta mashin i montazh  
oborudovaniia na lesozagotovitel'nykh predpriatiakh. 2. izd.  
Moskva, Goslesbumizdat, 1962. 409 p. (MIRA 16:1)

1. Vserossiyskiy Sovet Narodnogo khozyaystva (for Bochko).
2. Povolzhskiy leso-tehnicheskiy institut (for Petrov). 3. Go-  
sudarstvennyy planovyy komitet Soveta Ministrov SSSR (for Fakeyev).  
(Lumbering—Machinery)

BABUSHKIN, Ivan Nikolayevich; FAKEYEV, A.D., inzh., retsenzent;  
SHCHETININ, I.P., inzh., red.

[Technology of the repair of lumbering and forestry machines]  
Tekhnologija remonta lesozagotovitel'nykh i lesokhoziaistven-  
nykh mashin. Moskva, Goslesbumizdat, 1963. 382 p.  
(MIRA 17:6)

FAKEYEV, V.M.

Using Shreder's equation for calculating the starting crystallization temperature of wax of Tatar Devonian oils. Nauch.-tekhn. sbor. po dob. nefti no.1:27-32 '58. (MIRA 15:9)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.  
(Tatar A.S.S.R.--Paraffin wax)

FAKHMI, G.

Soils in the lower Nile Valley. Nauch.dokl.vys.shkoly; biol.  
nauki no.2:184-191 '63. (MIRA 16:4)

1. Rekomendovana kafedroy geografii pochv Moskovskogo  
gosudarstvennogo universiteta im. M.V.Lomonosova.  
(NILE VALLEY--SOILS)

FAKHMI, G.R.

Composition of humus in the soils of the Nile Valley. Vest. Mosk. un. Ser. 6: Biol., pochv. 18 no.5:59-67 S.-O '63. (MIRA 16:10)

1. Kafedra geografii pochv Moskovskogo universiteta.

FAKHRETDINOV, P.S., inzh.; DYATLOV, A.A., inzh.

Control of inert material dosing systems. Prom. energ. 20 no.1:17-  
19 Ja '65. (MIRA 18:4)

CHERFAS, A.A.; FAKHRETDINOVA, F.K.

Economic efficiency in the operation of electric sinking pumps.  
Nefteprom, delo no.1622-26 '63 (MLRA 1787)

1. Azerbaydzhanskly nauchno-issledovatel'skiy institut po dobych'e nefti.

ACC NR: AP0021462

SOURCE CODE: UR/0413/66/000/011/0083/0083

INVENTOR: Volosov, D. S.; Fakhretdinova, R. G.

ORG: None

TITLE: A photographic objective lens. Class 42, No. 182360

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 11, 1966, 83

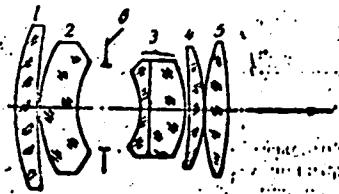
TOPIC TAGS: photographic lens, refractive index, light aberration

ABSTRACT: This Author's Certificate introduces: 1. A photographic objective lens containing five components, the first and fifth being isolated lenses. The second and third components are located on either side of the iris diaphragm and have their refracting surfaces open to the air with the concave surfaces directed toward the diaphragm. Aberration correction of broad inclined beams is improved by cementing two lenses together to make the third component while the second and fourth components are isolated lenses. The index of refraction of the glass for the lenses in the compound component is greater than 1.65. 2. A modification of this lens in which the back focal length is increased by making the thickness of the meniscus which is used as the second component less than 20% of the focal distance of the objective. The last component of the objective is made from glass with an index of refraction of less than 1.52.

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UDC: 771.351.7

ACC NR: AP6021462



1-5--components of the  
objective; 6--iris dia-  
phragm

SUB CODE: 17/ SUBM DATE: 22Mar65

Card 2/2

ABDULIN, F.S.; FAKHREYEV, I.A.

Study of the intake capacity of wells. Neft. khoz. 39 no. 6:  
45-50 Je '61. (MIRA 14:8)  
(Oil fields—Production methods)

SOV/124-57-5-5833

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 115 (USSR)

AUTHORS: Markhasin, I. L., Fakhreyev, I. A.

TITLE: A Flow-rate Transducer Permitting Control of Volumetric Liquid-flow Rates (Datchik postoyannoy ob'yemnoy skorosti dvizheniya zhidkosti)

PERIODICAL: Novosti neft. tekhn. Neftepromysl. delo, 1956, Nr 5, pp 25-26

ABSTRACT: Described briefly is a transducer device permitting control of volumetric liquid-flow rates such that, under normal atmospheric pressure conditions, any desired volumetric rate of flow within the 0.01 - 20cm<sup>3</sup>/hr range can be achieved and maintained. The device is designed to assure a constant rate of flow during investigations of the filtration or seepage of liquids through porous media; it will function in hydraulic systems having total pressures of up to 200 kg/cm<sup>2</sup>. The liquid is kept flowing by the action of a weight, and its flow is controlled by a timer. A stationary plunger forces the liquid from a sliding cylindrical tank. This sliding tank is actuated by a moving weight which is suspended from it. A small cable links the tank to the reducing gear of the timer. Included is a schematic diagram showing

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SOV/124-57-5-5833

A Flow-rate Transducer Permitting Control of Volumetric Liquid-flow Rates

the principle of the device.

T. B. Kurova

Card 2/2

PAKHREYEV, I.A.

Investigation of wells with deep-well flow meters of the Ufa  
Petroleum Scientific Research Institute, Nefteprom, date no.4:  
30-32 '63. (MIRA 17:8)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut,

FAKHREYEV, I.A.; DUKHOVNYY, G.E.

Deep-well flowmeter with an inflated packer. Nefteprom.  
delo no.5:18-20 '63. (MIRA 17:6)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

GLAZKOV, A.A.; MAZITOV, I.F.; FAKHREYEV, I.A.

Investigating inflow to the pumping wells of the Arlan oil field.  
Nefteprom. delo no.1:13-16 '64. (MIRA 17:4)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut i  
TSekh nauchno-issledovatel'skikh i proizvodstvennykh rabot  
neftepromyslovogo upravleniya "Arlanneft!".

IVANOV, M.M.; FAKHREYEV, I.A.

New pricision PGM-1 manometer. Mash. i neft. obor. no. 1836-38  
'64. (MIRA 17t7)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

FAKKEZYEV, I.A.; ABDULKHAN, F.S.

Investigating the productivity of the reservoirs of gas wells  
with a deep well flow graph. Gaz. prom. 9 no.2:6-9 '64.  
(MIFI A 17:12)

FAKHREYEV, I.A.

Investigating the features of subsurface turbine flow meters.  
Mash. i neft. obor. no.9:24-28 '64.

(MIRA 17:11)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

FAKHRI, A.

Zoning of the primary halos of gold ore deposits and the  
migration ability of elements. Vest.Mosk.un.Ser.4:Geol.  
20 no.5:31-43 S-0 '65. (MIRA 18:11)

1. Kafedra geokhimii Moskovskogo gosudarstvennogo universiteta.

FAKHRIYEV, M.A., starshiy prepodavatel'

Investigating the kinematics of flat mechanisms without passive  
connections. Izv. vys. uchob. zav.; mashinostr. no.9:5-15 '64.  
(MIRA 17:12)

1. Bashkirskiy sel'skokhozyatstvennyy institut.

FAKHRITDINOV, N.

Auditors help to reveal and utilize potentials. Fin. SSSR 21 no.9:  
60-61 S '60.  
(MIRA 13:9)

1. Kontroler-revisor Kontrol'no-revizionnogo upravleniya Ministerstva  
finansov Uzbekskoy SSR po Samarkandskoy oblasti.  
(Samarkand Province—Auditing)

KHAYKIN, M.S.; FEDORINA, L.G.; FAKRUTDINOV, A.S.; KUKHTIN, V.A.

Synthesis of some derivatives of 7,8-dihydroxybenzopyrylium  
chloride and 7,8-dihydroxycoumarin. Zhur.org.khim. 1 no.2:356-  
358 F '65. (MIRA 18:4)

1. Kazanskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
kinofotoinstituta.

18624-66 EWT(a)/EWT(m)/EWP(+)/EWP(t)/EWP(b)/EWP(h)/EWP(l) JP  
ACC NR: AP5027040

SOURCE CODE: UR/0120/65/000/005/0222/0224

AUTHOR: Fakhrutdinov, E.N.

44,55

ORG: Tomsk Institute of Radioelectronics and Electronic Technology (Tomsky institut  
radioelektroniki i elektronnoy tekhniki)

B

TITLE: Lightweight electron-beam device for finishing materials

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1965, 222-224

TOPIC TAGS: electron beam, electron beam welder, electron beam machining, pulse  
modulation, finishing machine

ABSTRACT: The paper describes a lightweight electron beam device for piercing micro-  
openings, cutting, and microwelding of various materials. The electron-optical system of the  
device is combined with a compact high-voltage pulsed ferrite core transformer. The  
electrostatic beam focusing, which does not require a highly stabilized voltage source, made  
possible the use of a simple pulsed modulator with a line shaper for the power supply. The  
note lists the operating parameters of the device and the results of processing of Mo, Ta, Ni,  
and glass materials. During the welding of a W-Mo wire pair 0.15 mm in diameter, the  
average current reaching the sample was 260  $\mu$ A for 10  $\mu$ sec pulses repeated 3700 times per  
second. Author thanks N. M. Romanenko for his help in the experiments. Orig. art. has:  
1 figure and 1 table.

44,55

SUB CODE: EC,IE / SUBM DATE: 01Sep64 / ORIG REF: 004 / OTH REF: 002

Card 1/1 jrn

UDC: 621.365.91

KREYNDEL', Yu.Ye.; FAKHMUTDINOV, E.N.

Pulse characteristics of modified Penning tubes. Zhur. tekh. fiz.  
35 no.2:312-314. F '65. (MIRA 18:4)

1. Tomskiy institut radioelektroniki i elektronnoy tekhniki.

FAKHRUTDINOV, E.N.

Small-size unit generating an electron beam for treatment  
of materials. Prib. i tekhn. sp. 10 no.5:222-224 S-0 '65.  
(MIRA 19:1)

1. Tomskiy institut radioelektroniki i elektronnoy tekhniki.  
Submitted September 1, 1964.

FAKHRUTDINOV, G.-F.

DZHARAK'YAN, T.K., FAKHRUTDINOV, G.F.

Effect of ionizing radiations on reflexes from intestinal receptors  
[with summary in English]. Med.rad. 3 no.2:11-19 Mr-Ap'58 (MIRA 11:5)

1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova,  
Leningrad.

(RADIATIONS, eff.

on autonomic & motor reflexes from chemo-, baro- &  
thermoceptors of small intestine in dog (Rus))

(INTESTINES, SMALL, eff. of radiations on

ionizing radiations on chemo-, baro- & thermoceptors  
on autonomic & motor reflexes in dog (Rus))

FAKIRUTDINOV, G.F. (Leningrad)

Reaction of peripheral vessels of irradiated animals to several  
pharmacological substances. Med.rad. 3 no.6:66 N-D '58.  
(MIRA 12:1)

(BLOOD VESSELS)

SAKSONOV, P.P.; FAKHRTDINOV, G.F.

Data on the toxicology of radioactive iodine. Med. rad. 8 no.5:  
29-32 My '63. (MIRA 17:5)

FAKHRUTDINOV, I.G.

Shortcomings of the OPS-30B and methods for their elimination.  
Zashch. rast. ot vred. i bol. 4 no.5:18-19 S-0 '59. (MIRA 16:1)  
(Spraying and dusting equipment)

3,1700

9,9600

AUTHORS:

Sidorov, V.V. and Fakhrutdinov, R.Yu.

TITLE:

On the electron distribution along the radius of a meteor trail

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, v.5, no.2, 1962, 216-220

TEXT: No direct measurements of the radial electron density distributions in meteor trails have been carried out. The two-frequency method now discussed is said to be suitable for this purpose. In this method two coherent transmitters operating at frequencies  $\nu$  and  $2\nu$  are employed ( $\lambda = 4-10$  m). Since the two components are reflected at different depths in the meteor trail (provided it is dense enough for these reflections to occur), it is possible to determine the corresponding path difference in the trail and hence deduce the electron density distribution. In practice, the delay of the signal at  $2\nu$  is measured relative to the signal at  $\nu$ . The theory of the method is developed and the formulae for the trail parameters are derived for exponential, Gaussian and linear distributions.

Card 1/2

39212  
S/141/62/005/002/002/025  
E032/E514

On the electron distribution ... S/141/62/005/002/002/025  
E032/E514

There are 2 figures.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet  
(Kazan' State University)

SUBMITTED: February 3, 1961

Card 2/2

L 47330-65 EWT(1)/ENG(v)/EWA(d)/EEC-4/EEC(t) Pe-5/Pae-2 GW

DR/0286/65/000/001/002/002

23

B

ACCESSION NR.: AP5010570

AUTHORS: Fakhrutdinov, R. Yu.; Sidorov, V. V.

TITLE: A method for measuring the parameters of meteor trains. Class 21, No. 169591

qM

SOURCE: Byulleten' izobretений i tovarnykh znakov, no. 7, 1965, 42

TOPIC TAGS: meteor study

ABSTRACT: This Author Certificate presents a method for measuring the parameters of meteor trains using two-frequency coherent probing. In order to broaden the range of measurements on over-dense trains of meteors, the measurements of the initial radius, linear electron density, and coefficient of atmospheric diffusion at the image point are made on the basis of phase relationship for four arbitrary moments of time (see Fig. 1 on the Enclosure). Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 22Feb64

ENCL: 01

SUB CODE: AA, EG

NO RET Sov: 000

OTHER: 000

Card 1/2

L 47330-65

ACCESSION NR: AP5019870

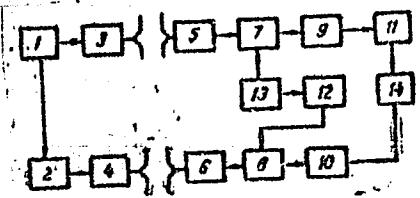
ENCLOSURE: 01  
O

Fig. 1. 1- generator (master); 2- frequency multiplier; 3- amplifier of power by  $2 \frac{1}{2}$ ; 4- amplifier of power by  $2 \frac{1}{2}$ ; 5 and 6- high frequency amplifier; 7 and 8- mixers; 9 and 10- intermediate frequency amplifiers; 11 and 12- frequency multipliers; 13- heterodyne; 14- phase meter.

P  
Card 2/2

L 53796-65 EWT(d)/EWT(1)/EWG(v)/EWA(d)/EEC-4/EEC(t)/EWA(t)  
Pg-4/Pae-2/Peb/Pi-4/Pi-4 JHB/GW  
ACCESSION NR: AP5014500

Pg-4/Pz-6/Pe-5/  
UR/0141/65/008/002/0234/0284  
523.164.85

AUTHOR: Sidorov, V. V.; Pavlov, A. F.; Fakhrutdinov, R. Yu.

TITLE: The use of a phase technique in studies of polarization phenomena associated with radio wave reflection from meteor trails

SOURCE: IVUZ. Radiofizika, v. 8, no. 2, 1965, 234-243

TOPIC TAGS: radio wave reflection, meteor trail, polarization phenomenon, circular polarization antenna

ABSTRACT: Polarization phenomena associated with radio wave reflections from meteor trails are studied by comparing the signal phases in a weakly directional circularly polarized antenna using a direct phase method. This technique makes it possible to separate polarization phenomena from diffraction and wind effects and to observe polarization phase shifting in radio wave reflections of all types regardless of duration. A method of indicating polarization phenomena in observations of meteor trail drifts is proposed; it is noted that the existing theory of polarization phenomena in saturated trails, based on the

Card 1/2

J 53796-65

ACCESSION NR: AP5014500

assumption of a "metallic" trail model, does not fully explain the polarization phenomena observed in regions of transition to denser trails. It is concluded that if the Earth's magnetic field is responsible for the anisotropy observed in the trails, which produces prolonged reflections, then the trail structure should be less saturated than that encountered in the case of ambipolar diffusion.  
Orig. art. has: 8 figures.

[JR]

ASSOCIATION: Kazanskiy gosudarstvennyy universitet (Kazan State University)

SUBMITTED: 06Jul63

ENCL: 00

SUB CODE: A, EC

NO REF Sov: 004

OTHER: 007

ATD PRESS: 4023

Card 2/2

KAMILOV, I.K.; FAKHRUTDINOV, S.F.

Curariform action of remerine hydroxymethylate. Farm.alk. no.l:  
5-13'62. (MIRA 16:9)  
(REMERINE) (CURARELIKE SUBSTANCES)

FAKHRUTDINOV, S.F.; KAMILOV, I.K.

Antagonism between the alkaloid remerine and some soporifics.  
Farm.alk. no.1:14-18'62. (MIR 16:9)  
(REMERINE) (NARCOTICS)

FAKHRUTDINOV, S.F.; KAMILOV, I.K.

Pharmacology of remerine hydroxy-n-propylate. Farm.alk. no.1:  
19-23'62. (MIRA 16:9)  
(REMERINE)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000412410003-6

FAKHRUTDINOV, S.F.; KAMILOV, I.K.

Pharmacology of temerine hydroxy-n-butyrate. Farm.alk. no.1:  
24-28'62. (MIRA 16:9)  
(REMERINE)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000412410003-6"

FAKHRUTDINOV, S.P.; KAMILOV, I.K.

Pharmacology of the new alkaloids d-isoremerine and fugapavine.  
Farm.alk. no.1:29-35'62. (MIRA 16:9)  
(REMERINE) (FUGAPAVINE)

PAKHUTDINOV, V.Z. (stantsiya Yudino)

Methods for increasing the operating capacity of railroad stations.  
Zhel.dor.transp.37 no.11:33-36 N '55. (MLRA 9:2)

1.Glavnyy i mshener stantsii Yudino.  
(Railroads--Stations)

FAKHRUTDINOV, V.Z., inzh.; ISAYEV, A.V., inzh. (stantsiya Yudino, Kazanskoy  
dorogi)

Organization of classification yard operation during reconstruction.  
Zhel.dor.transp. 41 no.3:64-66 Mr '59. (MIRA 12:6)  
(Railroads--Yards)

FAKHRU'TDINOV, V.Z. (stantsiya Yudino)

Reorganization and mechanization of hump yards within the  
shortest time. Zhel.dor.transp. 42 no.4:72-76 Ap '60.  
(MIRA 13:7)

1. Glavnyy inzhener stantsii Yudino Kasanskoy dorogi.  
(Railroads—Hump yards)

FAKHRUTDINOV, V.Z.

Method of making up trains without the use of chalk marks. Zhel.  
dor.transp. 44 no.6:73-75 Je '62. (MIRA 15:8)

1. Glavnnyy inzh. stantsii Yudino Gor'kovskoy dorogi.  
(Railroads--Making up trains)

FAKHRUTDINOV, V.Z.; KURENKOV, N.P.

Preventing car derailing on cross switches. Put' i put.khoz. 7 no.4:  
35-36 '63. (MIRA 16:3)

1. Glavnyy inzh. stantsii Yudino, Gor'kovskoy dorogi (for Fakhrutdinov).
2. Nachal'nik distantsii signalisatsii i svyazi, st. Yudino, Gor'kovskoy dorogi (for Kurenkov).

(Railroads—Hump yards)

PAKHRUTDINOV, V. Z.

Selective braking of cars during classification. Zhel. dor.  
transp. 45 no.1:69-70 Ja '63. (MIRA 16:4)

1. Glavnnyy inzh. stantsii Iudino Gor'kovskoy dorogi.

(Railroads—Hump yards)

FAKHRUTDINOV, V.Z.

Consolidated technical office in classification yards. Zhel.dor.  
transp. 46 no.3:82-84 Mr '64. (MIRA 17:3)

1. Glavnnyy inzh. stantsii Yudino Gor'kovskoy dorogi.

L 15646-65 EWT(d)/EWT(m)/EWP(w)/EWP(h)/EWP(l) AFFTC/AFWL/SSD/AEDC(b)/AEDC(a)  
EM

ACCESSION NR: AP4048981

S/0286/64/000/020/0095/0095

AUTHORS: Agapov, P. I.; Tsapenko, M. P.; Fakhrutdinov, Z. S.; Kravchuk, B. Ye.

TITLE: A device for measuring force. Class 42 , No. 93757

SOURCE: Byulleten' izobretensii i tovarnykh znakov, no. 20, 1964, 95

B

TOPIC TAGS: strain gage, force measurement

26

ABSTRACT: This Author's Certificate presents a device for measuring force by means of an unattached strain gage switched into a bridging electrical circuit. In order to extend the range of force measurements and to improve the accuracy of measurement, the device includes an elastic cantilever arm equipped with a wire strain gage, wound in two parallel series around pins attached to the end of the elastic cantilever arm and to the fixed parts of the frame of the force-measuring element. One series of the gage operates on tension, the other on compression.

ASSOCIATION: none

SUBMITTED: 22Nov49

SUB CODE: ME

NO REF Sov: 000

ENCL: 00

OTHER: 000

Card 1/1

ACC NR: AP7006176

SOURCE CODE: UR/0362/67/003/001/0003/0015

AUTHOR: Zadorina, F. K.; Pokrovskiy, G. B.; Sidorov, V. V.; Teptin, G. M.; Pakhrutdinova, A. M.

ORG: Kazan' State University (Kazanskiy gosudarstvennyy universitet)

TITLE: Atmospheric motions at altitudes of 80--100 km as determined by radio observations of meteors in Kazan'

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 3, no. 1, 1967, 3-15

TOPIC TAGS: ~~atmosphere~~, atmospheric disturbance, atmospheric circulation, wind velocity, radar observation, meteor observation

ABSTRACT: Data on the yearly cycle of wind velocity variations at altitudes of 80—100 km obtained from radar observations of meteors are presented. Harmonic analysis of atmospheric motion was made considering the statistical weights of mean hourly velocity values. It was concluded that in 1964 the total atmospheric circulation intensity was lower than during previous years, although basic features relevant to directional changes in air motion remained the same. During winter months, an increase in turbulence

Card 1/2

WDC: 551.55:551.510.535.4

ACC NR: AP7006176

intensity occurred simultaneously with an increase in the amplitude of diurnal turbulence variations. The characteristic horizontal extent of large-scale turbulences was found to be about 20 km as compared with 100 to 200 km reported earlier by other researchers. Orig. art. has: 8 figures, 2 tables and 1 formula. [GS]

SUB CODE: 0423/SUBM DATE: 16May66/ ORIG REF: 007/ OTH REF: 004/  
ATD PRESS: 5116

Card 2/2

L 26468-65 EWT(1)/EWT(m)/EWA(d)/EWG(v)/EEC(t)/EEC-4  
ACCESSION NR: AR5004878 Pe-5/Pae-2 JD/IM  
S/0058/64/000/011/H063/H063

SOURCE: Ref. zh. Fizika, 11Zh391

26  
24  
B

AUTHORS: Sidorov, V. V.; Fakhrutdinova, A. N.; Pokrovskiy, G. B.

TITLE: Fluctuations of the amplitude of meteoric radio echoes

CITED SOURCE: Sb. Meteorn. rasprostr. radiovoln. No. 1, Kazan', Kazansk. un-t,  
1963, 80-100

TOPIC TAGS: meteoric radio echo, meteor observation, signal amplitude fluctuation

TRANSLATION: The experimental characteristics of the amplitude fluctuations of meteoric radio echoes, such as the distribution of the amplitude, the depth of fading, the change in the average amplitude of the echo with time, the distribution of the fluctuation period, and the time variations of the periods of fluctuations over the ensembles and their wavelength dependence, are analyzed. It is concluded that the general distribution of the amplitudes of all meteor reflections can be approximately described by a logarithmic normal law. From the fluctuations

Card 1/2

L 26468-65

ACCESSION NR: AR5004878

of the amplitudes the authors estimate the mean square speed of the relative displacement of the reflecting centers. The majority of the previously obtained experimental data agree with the theoretical scheme of Manning (RZhFiz, 1960, No. 8, 21093). An exception is measurement of the mean amplitude of the echo with time, which varies more like  $1/t^2$  than like  $1/t$ .

SUB CODE: AA, EC

ENCL: 00

Card 2/2

BEN'KOVSKIY, V.G.; GAFAROVA, N.A.; DZHANAKHMETOVA, Zh.K.; PAKHRUTDINOVA, D.I.;  
FILATOVA, M.A.

Obtaining surface-active agents from petroleum products. Trudy Inst.  
nefti AN Kazakh.SSR 4:179-186 '61. (MIRA 16:4)  
(Petroleum products) (Surface-active agents)

YORONKEVICH, I.V.; FAKHRUTDINOVA, E.Sh.

Bacterial leaf spot of sorghum, Sudan grass, and millet. Nauch.  
dokl. vys. shkoly; biol. nauki no.2:191-197 '61. (MIRA 14:5)

1. Rekomendovana kafedroy nizshikh rasteniy Moskovskogo gosudar-  
stvennogo universiteta im. M.V.Lomonosova.

(GRASSES—DISEASES AND PESTS)  
(LEAF SPOT)

FAKHRUTDINOVA, I.M.; SIDYAKIN, G.P.; YUNUSOV, S.YU.

Alkaloids from *Haplophyllum folosium*. Haplopholin. Uzb. khim.  
zhur. 7 no.4:41-43 '63. (MIRA 16:10)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR.

POLYAKOVA, A.I.; FAKHRUTDINOVA, L.I.; MINEYEVA, S.I.; AL'PIDOVSKAYA, V.G.

Operation of a unit for the drying of reduced gas in the  
Minnibayev gasoline plant. Nefteper. i Neftkhim. no.5:14-17  
'64. (MIRA 17:8)

1. Tatarskiy neftyanoy nauchno-issledovatel'skiy institut,  
g. Bugul'ma.

VOL'FSON, I.S.; POLYAKOVA, A.I.; AL'PIDOVSKAYA, V.G.; FAKHRET'DIROVA, L.I.

Present status of the production of hydrocarbon stock in the  
gasoline plants of the middle Volga Valley Council of National  
Economy. Gaz. delo no.528-33 '64 (MIRA 1967)

1. Tatarskiy neftyanoy nauchno-issledovatel'skiy institut.

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 165 (USSR) SOV/137-58-12-25193

AUTHORS: Senkevich, V. F., Fakhrutdinova, M. Kh.

TITLE: Formation of Graphite Eutectoid in Iron (Obrazovaniye grafitnogo evtektoida v chugunakh)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Chern. metallurgiya, 1958, Nr 4, pp 143-146

ABSTRACT: Breakdown of austenite (A) with formation of a graphite eutectoid was observed in the investigation of hyper-eutectic gray iron (I) of the following composition (in %): C<sub>(total)</sub> 3.78, C<sub>(free)</sub> 0.45, Si 2.5, Mn 0.70, P 0.112, S 0.06, Cr 0.21, and Ni 0.50. The metal base of the I in the initial state had a pearlite structure with a graphitic structure of homogeneous size. The kinetics of the breakdown of the above-described I were investigated at 850 and 1000°C at which temperatures the C content in A is 0.5 and 0.9%, respectively. The feasibility of formation of a graphite eutectoid upon the breakdown of super-cooled A in I was experimentally verified, and the diagram of the isothermal breakdown of A in I in the low super-cooling range was rendered more precise by plotting the curve of the beginning of the formation of the graphite eutectoid. A. S.

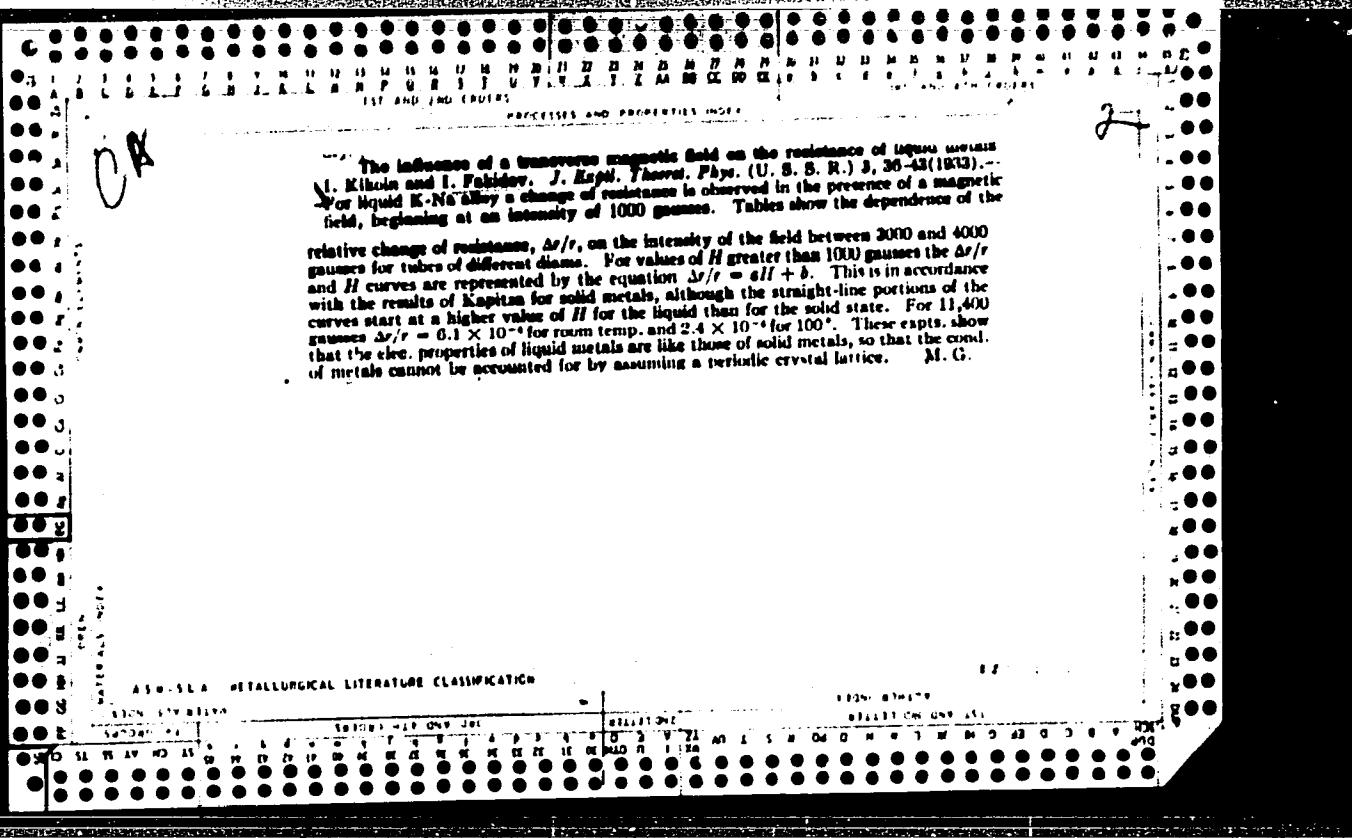
Card 1/1

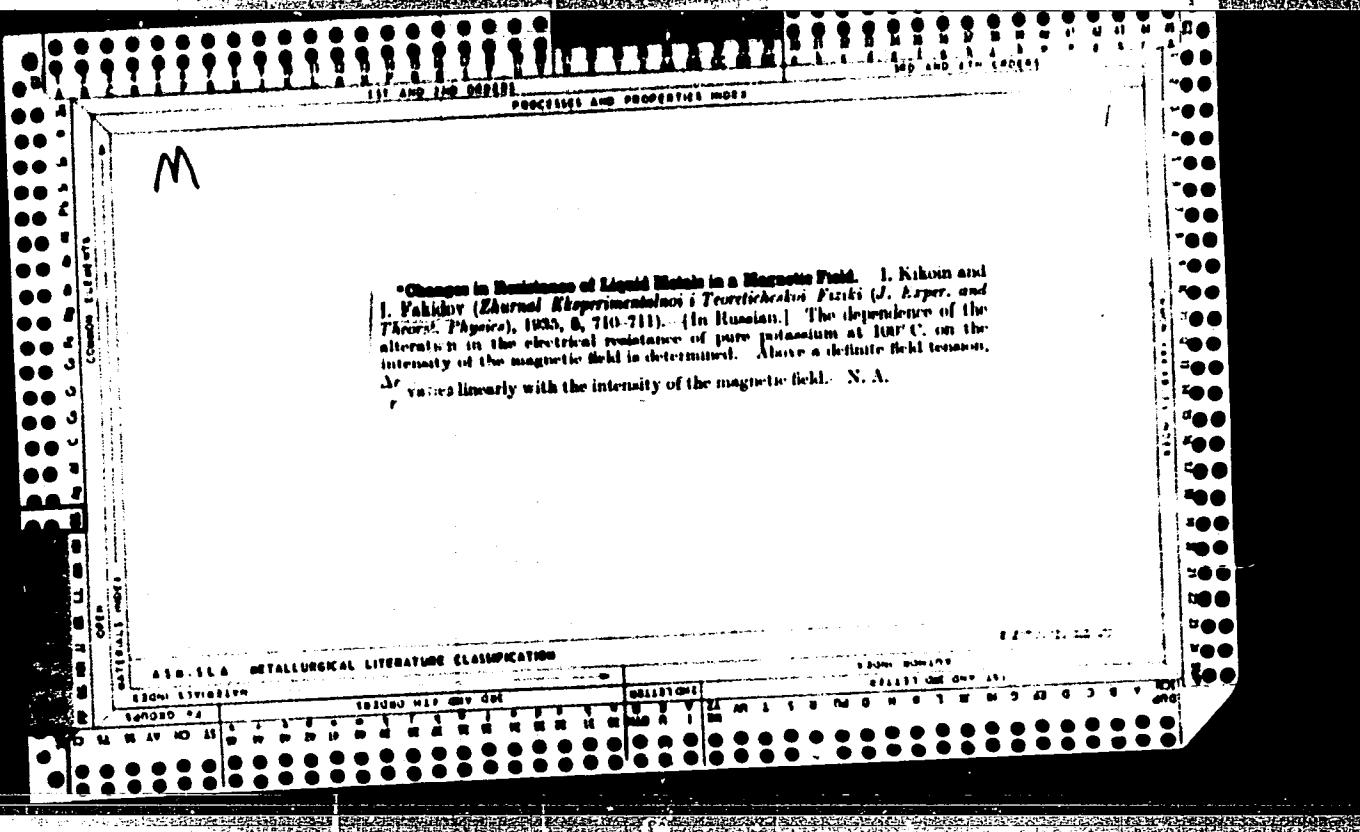
*Ural Polytech Inst*

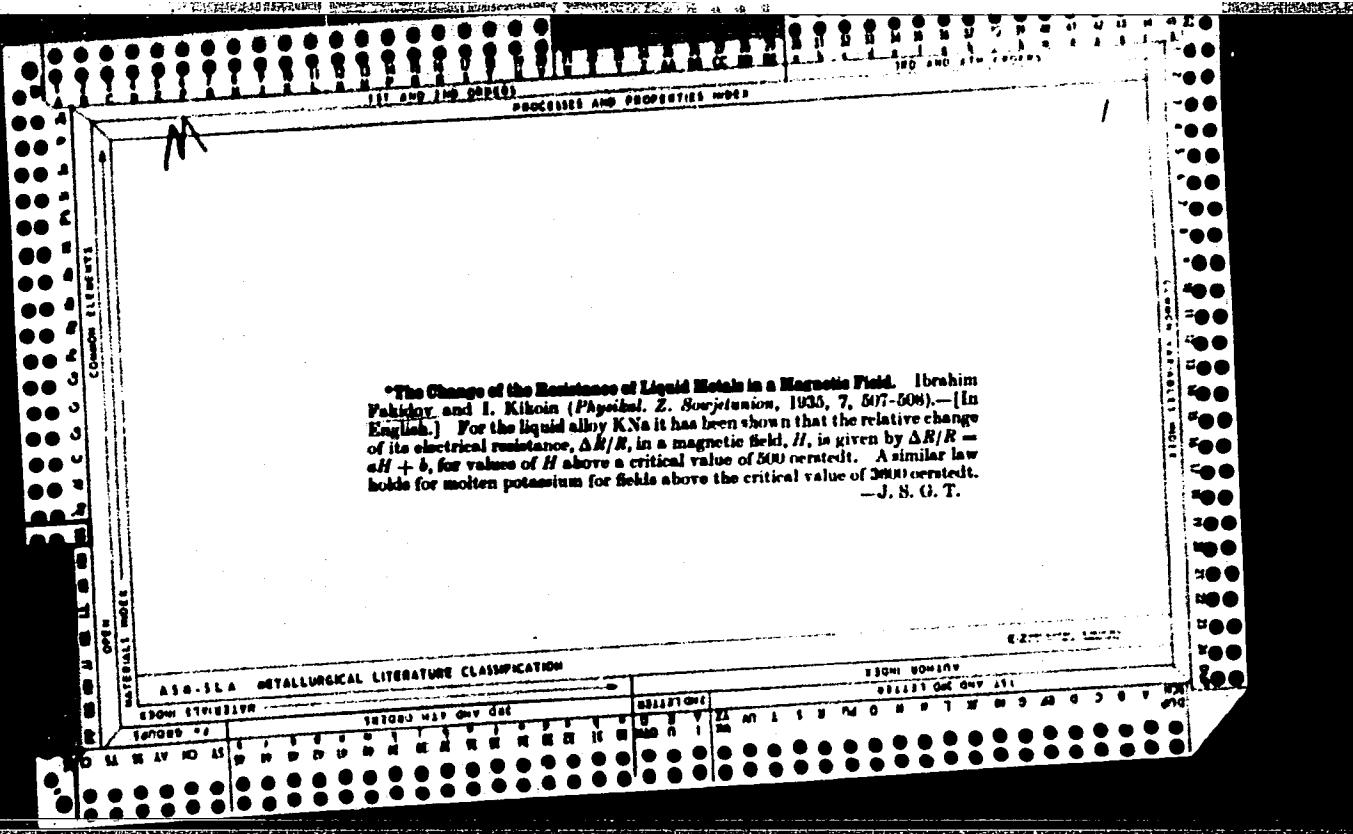
FAKHRUTDINOVA, R.Z.

Subtrochanteric osteotomy in tuberculous coxitis. Sov.zdrav.Kir.  
no.5:55-56 S-O '62. (MIRA 15:10)

1. Iz oddeleniya kostno-sustavnogo tuberkuleza (zav. - R.Z.  
Fakhrutdinova) Frunzenskoy gorodskoy tuberkuleznoy bol'nitsy  
(glavnnyy vrach - A.A.Moldokulov).  
(HIP JOINT---TUBERCULOSIS) (OSTEOTOMY)







FAKIDOV IBRAHIM

COMMON FILE

MATERIALS INDEX

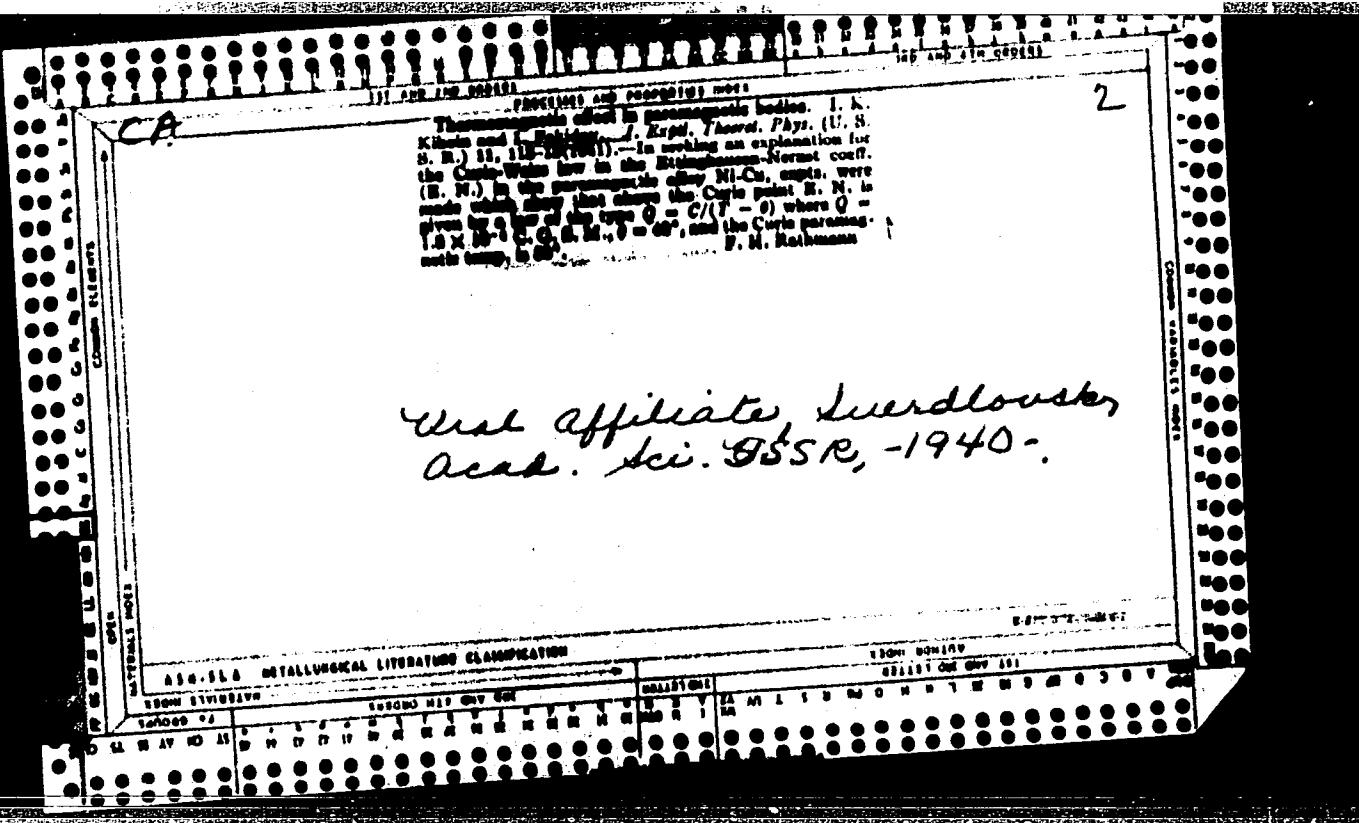
"The Hall Effect in Solid Gallium. Ibrahim Fakidov and B. G. Lazarev  
(*Fizjikal. Z. Sovjetunion*, 1935, 7, (5/6), 677-678).—[In German.] The Hall  
constant,  $R$ , of solid gallium is normal and has the value  $-6.3 \times 10^{-1}$  o.p.s.  
units. Its product with the conductivity of gallium is 12, which is of the  
right order for a superconductor.—N. G. V.

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION											
ONE ANY SIX DEGREES						TWO DEGREES					
ELEMNTS			COMPOUNDS			SUBSTANCES			COMPLEXES		
Al	As	B	C	N	P	Si	S	W	Xe	Zn	Zr
Ca	Cr	Fe	Ge	Hg	Li	Mg	Na	Os	Re	Ti	V
Co	Ge	Ir	K	Mo	Ni	Pd	Ru	Se	Sn	Ta	Y
Cr	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Fe	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Ge	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Ir	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
La	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Mg	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Ne	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Os	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Pt	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Re	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Te	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
U	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
W	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr
Zr	He	La	Mg	Ne	Os	Pt	Re	Te	U	W	Zr

E-Z INDEX SYSTEM

1ST AND 2ND LETTER AUTHOR INDEX

"The Influence of Oxygen, Carbon Dioxide, Nitrogen, and Mercury on the  
Electrochemical Behavior of Platinum and Palladium. A. V. Afanasyev and Yu. N. Khol'dov.



FAKIDOV, I. G.

PA 61/49T81

Rev 48

USSR/Physics  
Alloys  
Conductivity

"Electroconductivity of Chromium Sulfides," I. G. Fakidov, N. P. Grashchandze, Lab of Elec Phenomena, Inst Phys of Metals, Ural Affiliate, Acad Sci USSR, 12 pp

"Dok Ak Nauk SSSR" Vol LXXXI, No 1

Measurements in the temperature range -185-+1000°C show that: Alloys up to 50 atomic percent of S have a purely metallic conductivity. Alloys of 50-53 are semiconductors with negative temperature

61/49T81

USSR/Physics (Contd)

Rev 48

coefficients of resistance. Alloys of 53 or have typical metallic conductivity. Others have metallic resistance, or are semiconductors under certain conditions. Submitted by Acad S. I. Vavilov 8 Sep 48.

61/49T81